

ABSTRACTPROGRAMMING STATION GENERATING A PROGRAM IN SINGLE
LANGUAGE AND AUTOMATION EQUIPMENT USING SUCH A PROGRAM

This invention relates to a programming station for an automation application that will be executed in an automation equipment. The programming station stores at least one file in an internal memory
5 containing a description grammar for automation applications in text format, for at least one of the graphic automation languages (Ladder, SFC, FBD) using a single, hierarchised and object oriented language. It also contains a set of one or several description
10 files, each description file describing part of the automation application and being expressed in this single language. The single, hierarchised and object oriented language is the XML (eXtended Markup Language) language.

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Figure 1